

June 17/92

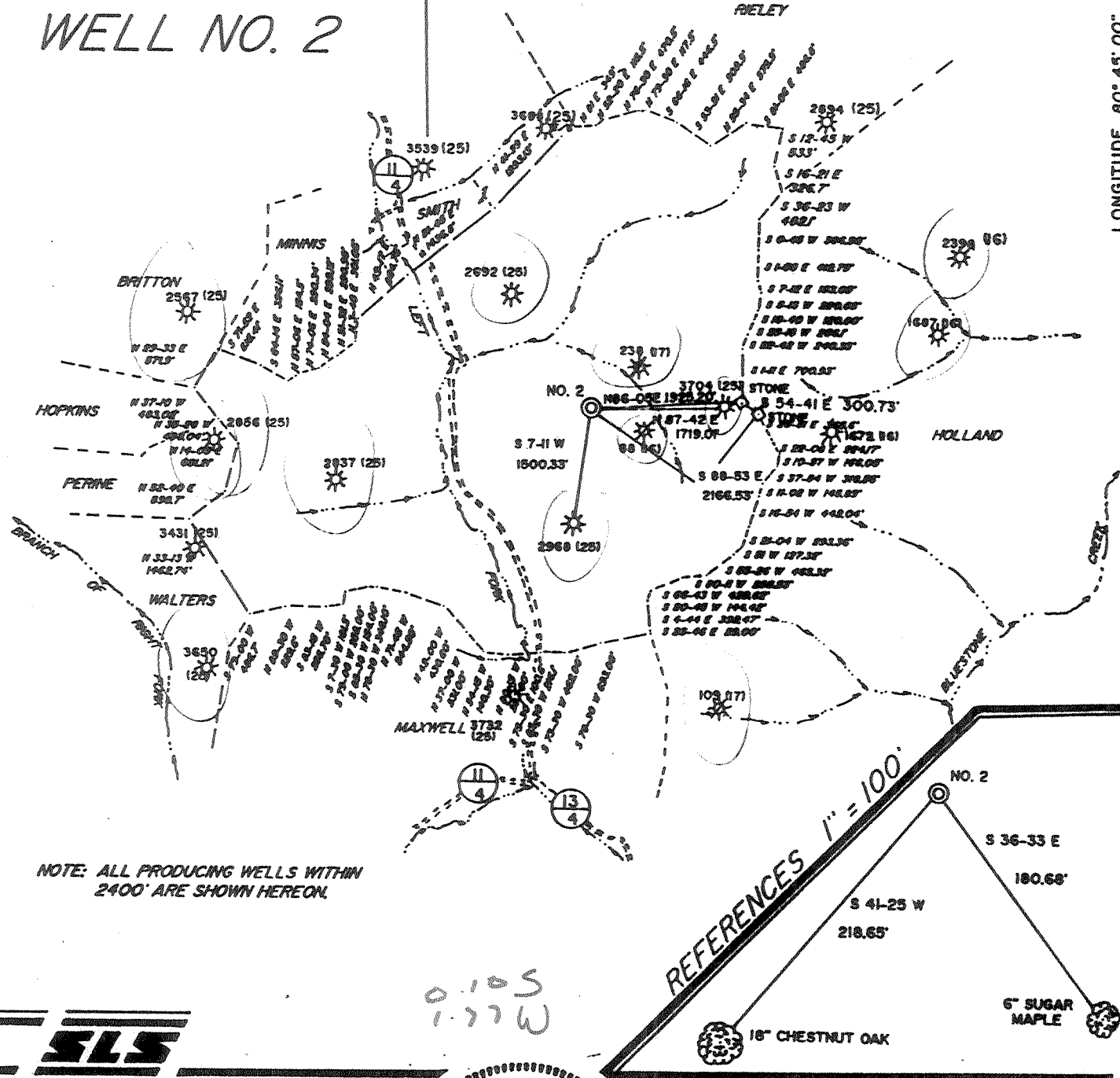
ASHLAND / MAXWELL LEASE

832.75 ACRES

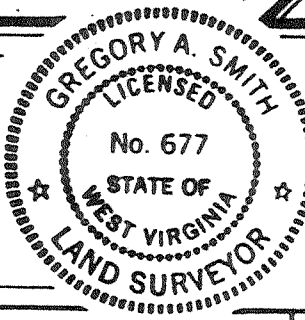
WELL NO. 2

NORTH

LONGITUDE 80° 45' 00"



NOTE: ALL PRODUCING WELLS WITHIN 2400' ARE SHOWN HEREON.




I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.

L.L.S. Gregory A. Smith
677

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE JUNE 18, 19 92
 OPERATORS WELL NO. ASHLAND / MAXWELL
 WELL NO. 2
 WYD0003802
 API WELL NO. 47 - 017 - 03976
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2777 (39-50)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1314' SCALE 1" = 2000'

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



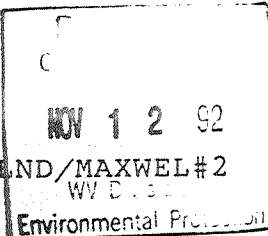
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ IF "GAS" PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1152' WATERSHED LEFT FORK OF ARNOLD CREEK
 DISTRICT WEST UNION 8 COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5' DE
 SURFACE OWNER MARY FARR SECRIST c/o MARY AGNES WALLACE ACREAGE 832.75 *Holbrook*
 ROYALTY OWNER LEWIS MAXWELL ET. AL. LEASE ACREAGE 2654.00
 PROPOSED WORK: LEASE NO. WV02358 - +
 DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ OTHER ___
 PHYSICAL CHANGE IN WELL (SPECIFY) ___ TARGET FORMATION ALEXANDER
 ESTIMATED DEPTH 5383'

WELL OPERATOR Eastern American Energy Corporation DESIGNATED AGENT John M. Palelli
 ADDRESS Box N Glenville, WV 26351 ADDRESS 501 56th St. Charleston, WV, 25304

66 Straight Fork-Bluestone Creek (133)

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work



Farm name: SECRIST, MARY FARR

Operator Well No.: ASHLND/MAXWEL#2

LOCATION: Elevation: 1152.00 Quadrangle: OXFORD

District: WEST UNION County: DODDRIDGE
Latitude: 480 Feet South of 39 Deg. 15Min. 0 Sec.
Longitude 9390 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: EASTERN AMERICAN ENERGY C
P. O. BOX N
GLENNVILLE, WV 26351-0000

Agent: DONALD C. SUPCOE

Inspector: MIKE UNDERWOOD
Permit Issued: 07/15/92
Well work Commenced: 08/14/92
Well work Completed: 08/31/92
Verbal Plugging
Permission granted on: _____
Rotary XX Cable _____ Rig
Total Depth (feet) 5383'
Fresh water depths (ft) _____
90', 151', 316'
Salt water depths (ft) None

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8"	1235.95'	1235.95'	335 sxs
4-1/2"	---	5355.75'	770 sxs

Is coal being mined in area (Y/N)? N
Coal Depths (ft): None

OPEN FLOW DATA

(comingled) 5238.5'-
Producing formation Alexander, Riley, Balltown Pay zone depth (ft) 4042'

Gas: Initial open flow 692 MCF/d Oil: Initial open flow N/A Bbl/d
 Final open flow 581 MCF/d Final open flow N/A Bbl/d
 Time of open flow between initial and final tests 15 Hours
 Static rock Pressure 1450 psig (surface pressure) after 24 Hours

Second producing formation _____ Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Reviewed TMG
Recorded CH

For: Ron Rech EASTERN AMERICAN ENERGY CORP.

By: Ronald L. Rech, Regional Drilling Manager
Date: September 2, 1992

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale			0	30	Hole Damp @ 90'
Sand			30	105	
Redrock & Shale			105	150	1/4" stream water @ 151'
Sand			150	172	
Redrock & Shale			172	215	
Sand			215	225	
Redrock & Shale			225	277	
Sand & Redrock			277	321	1/4" stream water @ 316'
Sand, Shale & redrock			321	890	
Redrock & Shale			890	1156	
Sand & Shale			1156	1213	Gas Checks:
Sand			1213	1272	
Shale			1272	1660	1962' - no show
Sand			1660	1690	2115' - gas show
Sand & Shale			1690	1719	2303' - 50/10 thru 2" w/water
Sand			1719	1754	2552' - 42/10 thru 2" w/w
Sand & Shale			1754	1840	2832' - 40/10 thru 2" w/w
Little Lime			1840	1853	3020' - 40/10 thru 2" w/w
Sand & Shale			1853	1884	3208' - 40/10 thru 2" w/w
Big Lime			1-84	1946	3457' - 44/10 thru 2" w/w
Big Injun			1946	2030	3704' - 40/10 thru 2" w/w
Shale			2030	2180	4017' - 40/10 thru 2" w/w
Weir			2180	2285	4328' - 48/10 thru 2" w/w
Shale			2285	2381	4607' - 38/10 thru 2" w/w
Berea			2381	2392	4793' - 36/10 thru 2" w/w
Sand & Shale			2392	2578	4949' - 36/10 thru 2" w/w
Gordon			2578	2624	5104' - 40/10 thru 2" w/w
Sand & Shale			2624	3269	5290' - 40/10 thru 2" w/w
Warren			3269	3302	TD - 36/10 thru 2" w/w
Shale			3302	3318	
Speechley			3318	3410	
Sand & Shale			3410	4040	
Balltown			4040	4166	
Sand & Shale			4166	4453	
Riley			4453	4502	
Sand & Shale			4502	4790	
3rd Riley			4790	4846	
Shale			4846	4906	
Benson			4906	4910	
Sand & Shale			4910	5150	
Alexander			5150	5244	
Shale			5244	5383	
TD				5383	

(REVISED)

DETAILS OF PERMITS, INTERVALS, FRACURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Ashland/Maxwell #2

47-017-3976

3 Stage Frac

Stage One

Alexander: 20 Holes (5238.5'-5191'), fraced w/energized water, 30 lbs gel/1000 gals, 20,000 lbs 16/30 sand, 500 gals 15% HCl acid and 73,000 scf of N₂

Stage Two

Riley: 14 Holes (4485.5'-4475.5'), fraced w/energized water, 30 lbs gel/1000 gals, 40,000 lbs 20/40 sand, 500 gals 15% HCl acid and 88,100 scf of N₂

Stage Three

Balltown: 16 Holes (4163.5'-4042'), fraced w/energized water, 30 lbs gel/1000 gals, 50,000 lbs 20/40 sand, 500 gals 15% HCl acid and 118,400 scf of N₂

NOV 20 1992

017- 3976
Issued 7/15/92

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

Expires 7/15/94

- 1) Well Operator: Eastern American Energy Corporation 14980 (8) 525
- 2) Operator's Well Number: ASHLAND/MAXWELL #2 3) Elevation: 1152'
WVDOD003502
- 4) Well type: (a) Oil / or Gas XX/
(b) If Gas: Production XX/ Underground Storage /
Deep / Shallow XX/
- 5) Proposed Target Formation(s): Alexander
- 6) Proposed Total Depth: 5383' feet
- 7) Approximate fresh water strata depths: 63', 153', 300', 321'
- 8) Approximate salt water depths: None
- 9) Approximate coal seam depths: None
- 10) Does land contain coal seams tributary to active mine? Yes / No XX /
- 11) Proposed Well Work: Drill and complete new well.
- 12)

RECEIVED
Office of Oil & Gas
Permitting
JUL 29 1992
WV Division of
Environmental Protection

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	11-3/4"	F-25	32.0	40'		
Fresh Water	8-5/8"	F-25	20.0	1252'	1252'	C.T.S. 38CSR18-11.3
Coal						38CSR18-11.2 .2
Intermediate	*					
Production	4-1/2"	J-55	10.5	5298'	5298'	38CSR18-11.1
Tubing						
Liners						

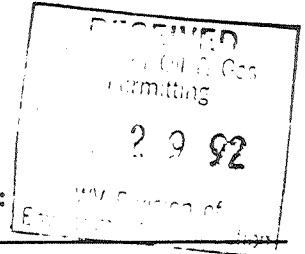
* OPTIONAL: Based upon coal or excessive amounts of water being encountered below the 9-5/8" casing.
PACKERS : Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

2514A
25 35
Fee(s) paid: Well Work Permit Reclamation Fund WPCP
Plat WW-9 WW-2B Bond Santa Blonfel Agent
(Type)

1) Date: June 26, 1992
2) Operator's well number
ASHLAND/MAXWELL #2 WVDOD003502
3) API Well No: 47 - 017 - 3976
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT



4) Surface Owner(s) to be served:
(a) Name Mary Farr Secrist
Address: 405 Church Street
West Union, WV 26456
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Mike Underwood
Address Rt. 2 Box 135
Salem, WV 26426
Telephone (304)- 782-1043

5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name Mary Farr Secrist
Address 405 Church Street
West Union, WV 26456
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR XX Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 8 on the above named parties, by:
 Personal Service (Affidavit attached)
XX Certified Mail (Postmarked postal receipt attached)
 Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Eastern American Energy Corporation
By: John M. Palett
Its: Designated Agent
Address P.O. Box N
Glenville, WV 26351
Telephone 304/462-5781

OFFICIAL SEAL NOTARY PUBLIC
STATE OF WEST VIRGINIA
MARILYN M. BEAN
257 N. RIVER AVE.
WESTON, WV 26452
My Commission Expires Feb. 26, 2002



Subscribed and sworn before me this 26th day of June, 1992
Marilyn M. Bean Notary Public
My commission expires February 26, 2002.